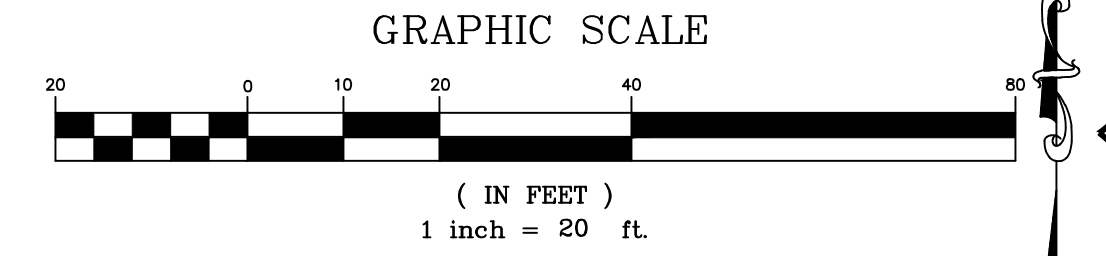


- NOTES:
1. UTILITIES LOCATED BY SURVEY ARE SHOWN DARKER. ALL OTHER UTILITIES ARE ACCORDING TO RECORD DATA.
 2. SEE SHEET C003 FOR ITEMS NOT SHOWN ON THIS SHEET.

LEGEND

DEMOLISH ALL IMPROVEMENTS INCLUDING, BUT NOT LIMITED TOO ITEMS SUCH AS LIGHTS \ ELECTRIC, RAISED PLANTERS, STORM DRAIN, PAVEMENT AND TREES TO ALLOW FOR CONSTRUCTION OF BUILDING, U.O.N.



100% Bid Submission

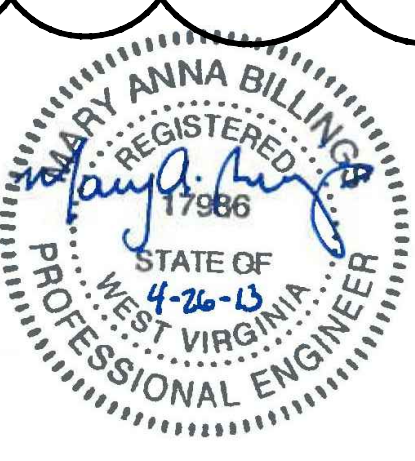
W:\Profiles\Hoden\Documents\1307 VA Martinsburg Internet Cafe CentralFile_Rhoden.rvt

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Revisions	Date

CONSULTANTS

Geotechnical: SCHNABEL ENGINEERING 1901 SOUTH MAIN ST SUITE 11 BLACKSBURG, VA 24060	Civil and Structural: ALPHA CORPORATION 130 S LOUDOUN ST SUITE 200 WINCHESTER, VA 22601	Fire Protection: KOFFEL ASSOCIATES, INC. 8815 CENTRE PARK DRIVE SUITE 200 COLUMBIA, MD 21045-2107	Mechanical, Electrical, and Plumbing: HENRY ADAMS 600 BALTIMORE AVENUE BALTIMORE, MD 21204	Telecommunications: USSI CONSULTING 1040 LITTLE PATUXENT PKWY SUITE 300 COLUMBIA, MD 21044	Transportation: ROBERT L. SEYMOUR 182 THOMAS JOHNSON DR FREDERICK, MD 21702
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ARCHITECTS

ERNEST BLAND ASSOCIATES, P.C.
TECHNICAL FACILITIES DESIGN

802 SLIGO AVENUE, SILVER SPRING, MARYLAND 20910
TELEPHONE (301) 589-4811 FAX (301) 589-3810

DEDUCT ALTERNATIVES - DEMOLITION

Approved: Project Director

Construct
Domiciliary Internet Cafe & Rehab Medicine Expansion

Location Martinsburg, WV

Date 16 April 2013

Checked JT

Drawn MC

Project Number 613-CSI-113

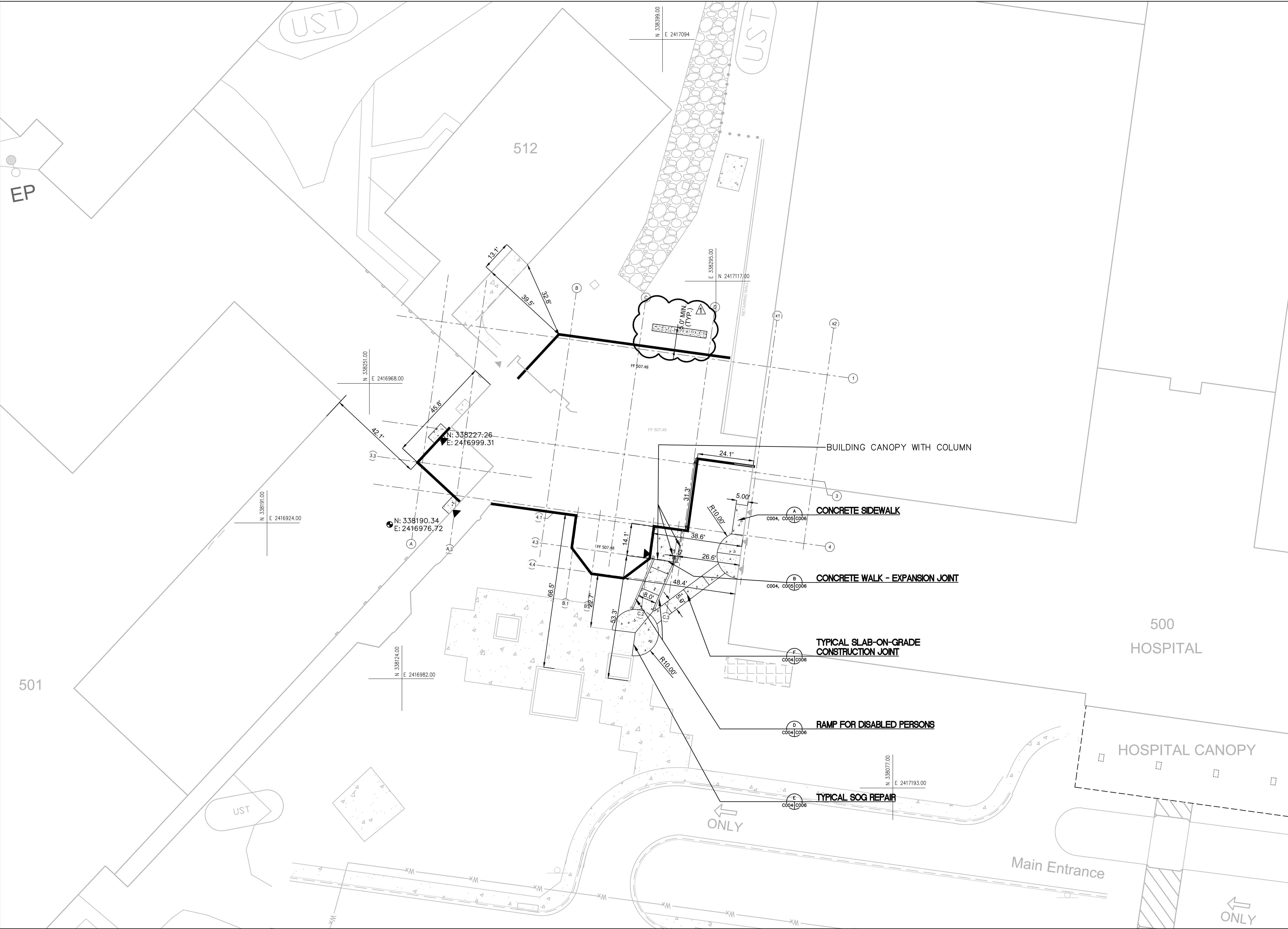
Building Number

Drawing Number C003A

Department of Veterans Affairs

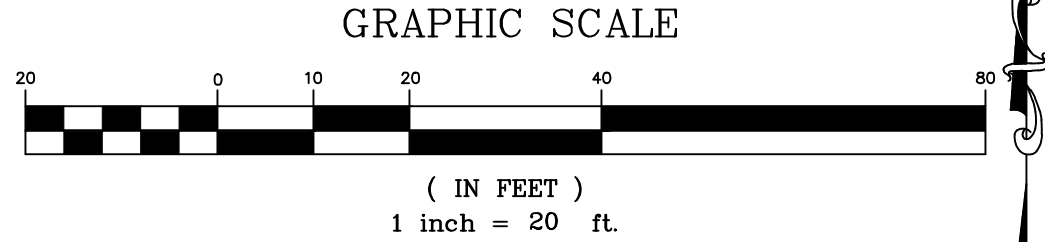
three inches = one foot
one and one half inches = one foot
one inch = one foot
100' scale = inch represents 100 feet
100' scale = inch represents 100 feet
100' scale = inch represents 100 feet

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NOTES:

1. DIMENSIONS ARE +/- AND FOR CONFIRMATION ONLY. CONTRACTOR SHALL FIELD VERIFY EXISTING BUILDING AND TIE-IN POINTS. SEE DRAWINGS BY OTHERS FOR ADDITIONAL INFORMATION.
2. UTILITIES ARE NOT SHOWN FOR CLARITY PURPOSES AND FOR LAYOUT OF PROPOSED BUILDING.



100% Bid Submission

ADDENDUM 1	04/26/13
Revisions	Date

CONSULTANTS

Geotechnical: SCHNABEL ENGINEERING 1901 SOUTH MAIN ST SUITE 111 BLACKSBURG, VA 24080	Civil and Structural: ALPHA CORPORATION 150 S LOUDOUN ST SUITE 200 WINCHESTER, VA 22601	Fire Protection: KOFFEL ASSOCIATES, INC. 1040 LITTLE PATUXENT PKWY SUITE 200 COLUMBIA, MD 21045-2107	Mechanical, Electrical, and Plumbing: HENRY ADAMS 600 BALTIMORE AVENUE BALTIMORE, MD 21204	Telecommunications: USSI CONSULTING 1040 LITTLE PATUXENT PKWY SUITE 200 COLUMBIA, MD 21044	Transportation: ROBERT L SEYMOUR 182 THOMAS JOHNSON DR FREDERICK, MD 21702
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ARCHITECTS

ERNEST BLAND ASSOCIATES, P.C.
TECHNICAL FACILITIES DESIGN

802 SLIGO AVENUE, SILVER SPRING, MARYLAND 20910
TELEPHONE (301) 589-4811 FAX (301) 589-3810

Drawing Title

LAYOUT PLAN

Approved: Project Director

Project Title

**Construct
Domiciliary Internet Cafe &
Rehab Medicine Expansion**

Location Martinsburg, WV

Date 16 April 2013

Checked JT

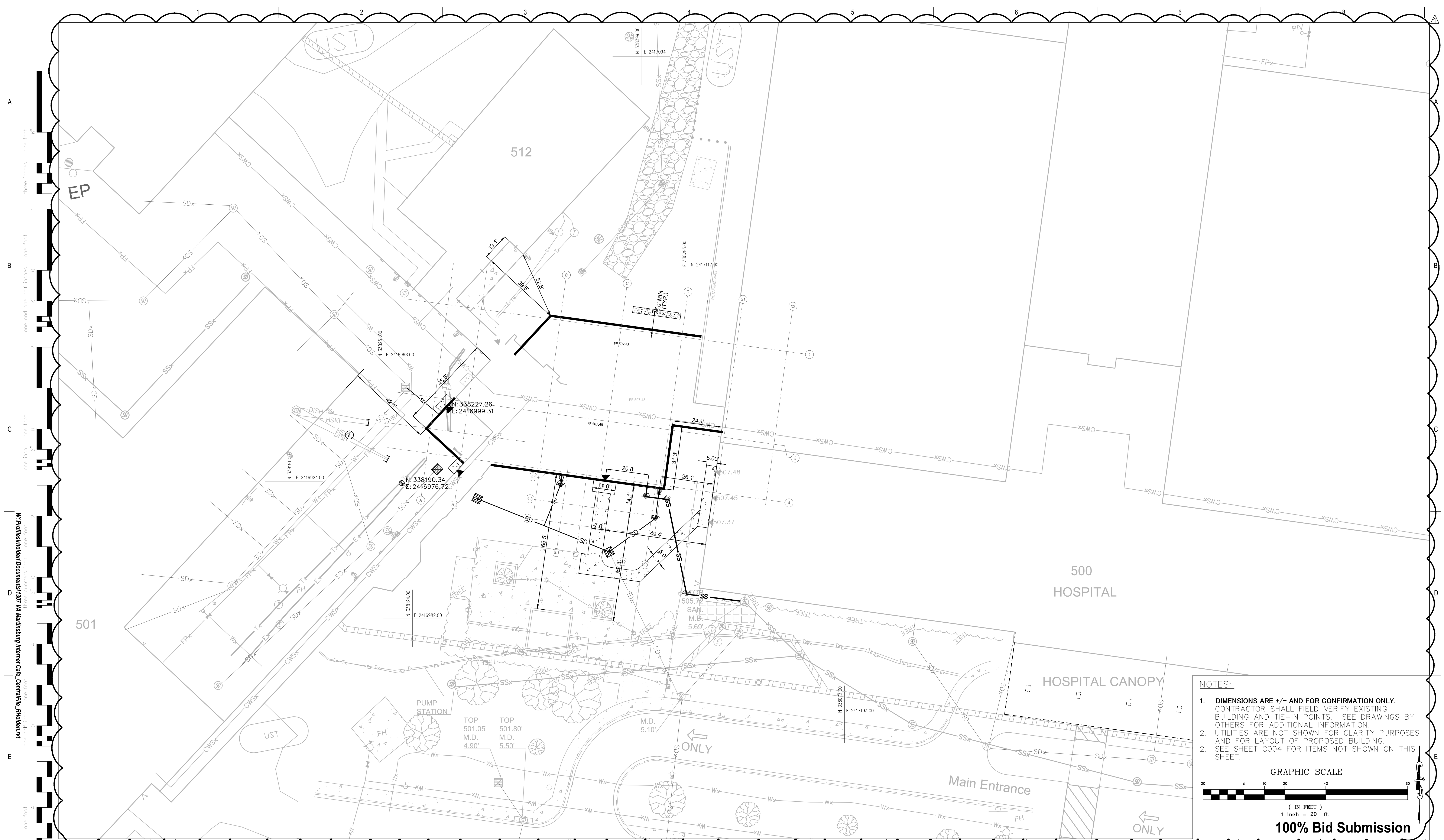
Drawn MC

Project Number
613-CSI-113

Building Number

Drawing Number
C004

**Department
of Veterans
Affairs**



NOTES:

- DIMENSIONS ARE +/- AND FOR CONFIRMATION ONLY.** CONTRACTOR SHALL FIELD VERIFY EXISTING BUILDING AND TIE-IN POINTS. SEE DRAWINGS BY OTHERS FOR ADDITIONAL INFORMATION.
- UTILITIES ARE NOT SHOWN FOR CLARITY PURPOSES AND FOR LAYOUT OF PROPOSED BUILDING.
- SEE SHEET C004 FOR ITEMS NOT SHOWN ON THIS SHEET.

GRAPHIC SCALE

(IN FEET)

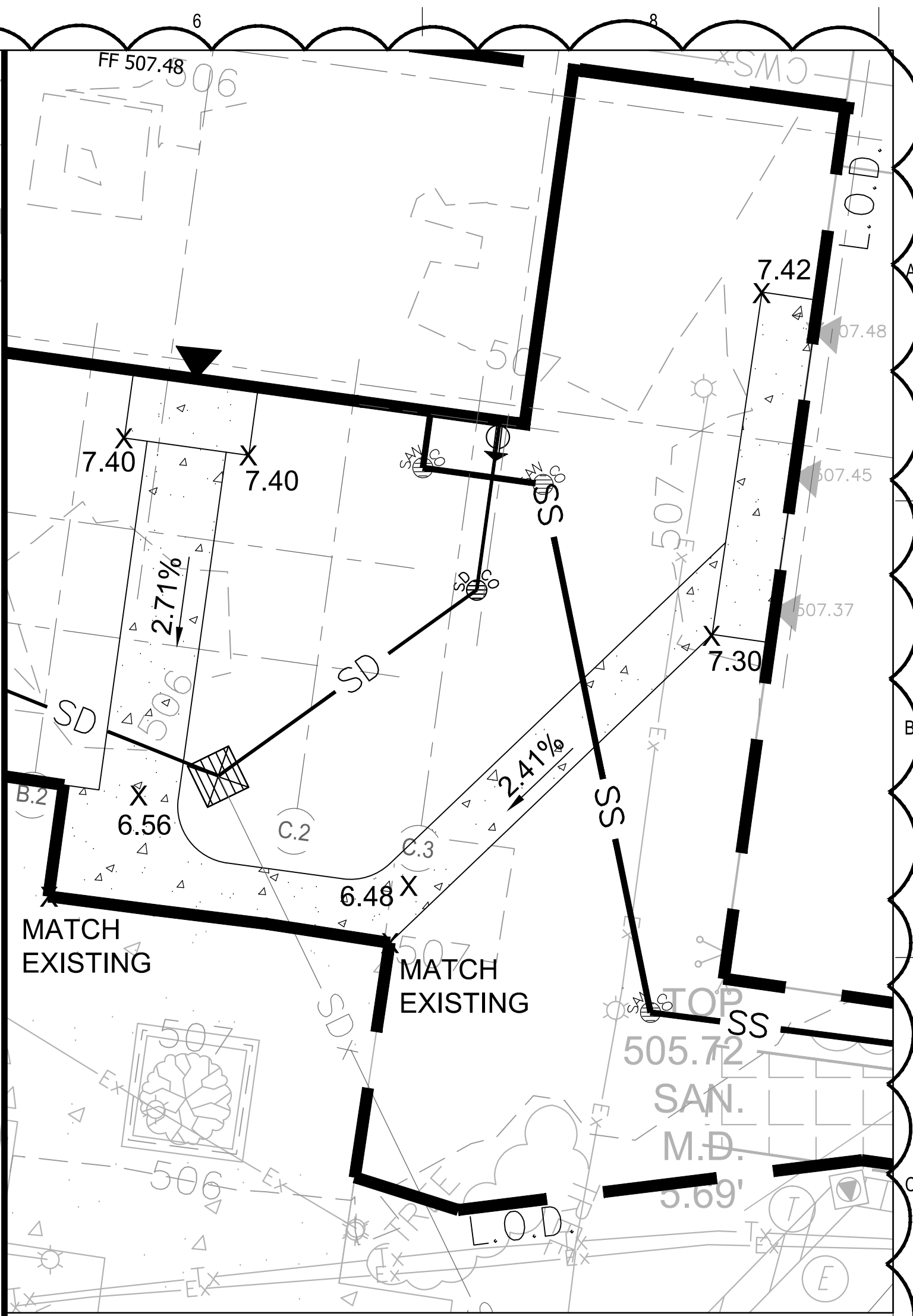
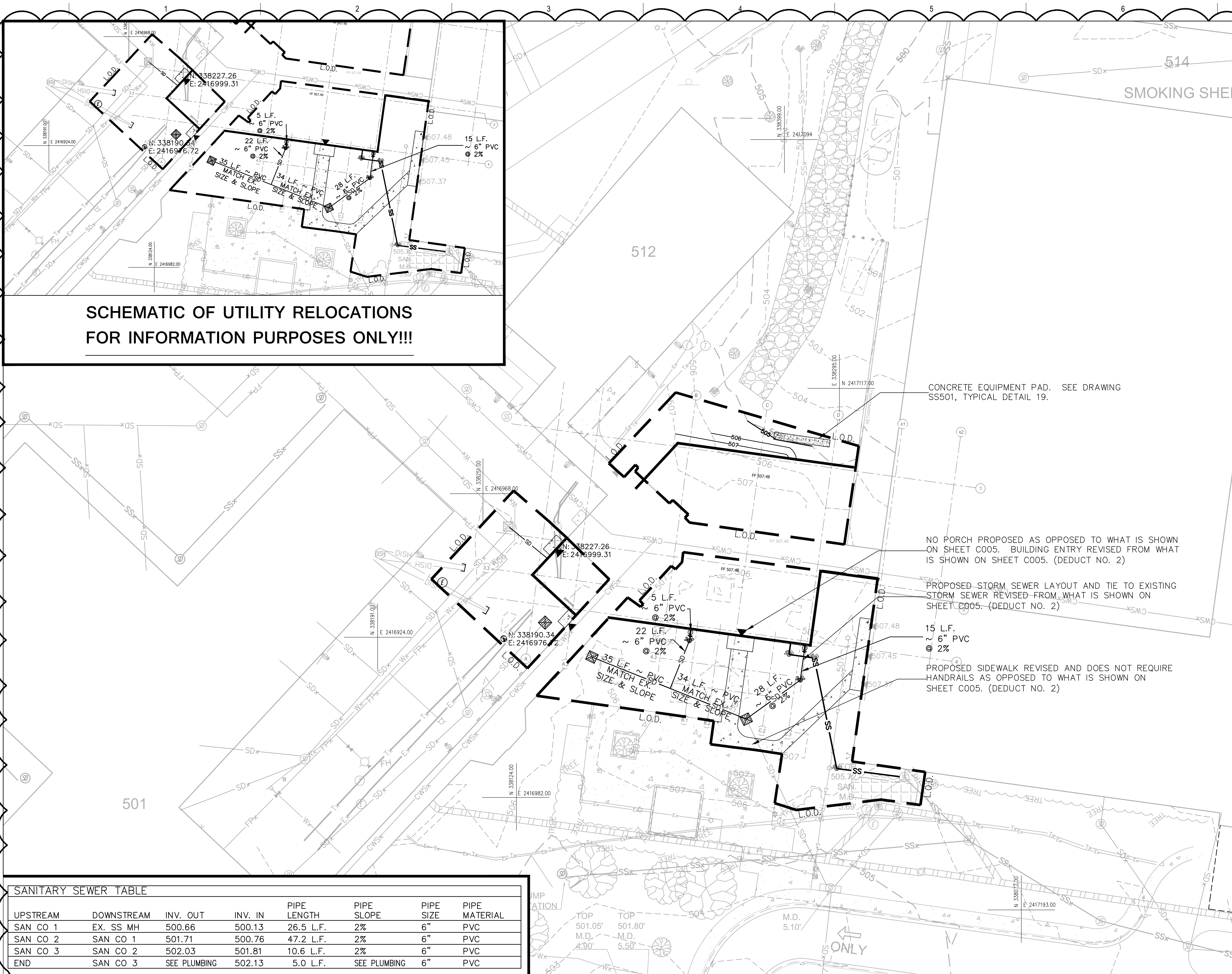
1 inch = 20 ft.

100% Bid Submission

APPENDIX 1		CONSULTANTS			ARCHITECTS		DEDUCT ALTERNATIVES - LAYOUT PLAN		Construct Domiciliary Internet Cafe & Rehab Medicine Expansion		Project Number 613-CSI-113		Department of Veterans Affairs																
		Geotechnical: SCHNABEL ENGINEERING 1901 SOUTH MAIN ST SUITE 111 BLACKSBURG, VA 24080			Civil and Structural: ALPHA CORPORATION 150 S LOUDOUN ST SUITE 200 WINCHESTER, VA 22601			Fire Protection: KOPPEL ASSOCIATES, INC. 8015 CENTRE PARK DRIVE SUITE 200 COLUMBIA, MD 21045-2107		Mechanical, Electrical, and Plumbing: HENRY ADAMS 600 BALTIMORE AVENUE BALTIMORE, MD 21204		Telecommunications: USSU CONSULTING 10440 LITTLE PATUXENT PKWY SUITE 200 COLUMBIA, MD 21044		Transportation: ROBERT L SEYMOUR 182 THOMAS JOHNSON DR FREDERICK, MD 21702				ERNEST BLAND ASSOCIATES, P.C. TECHNICAL FACILITIES DESIGN 802 SLIGO AVENUE, SILVER SPRING, MARYLAND 20910 TELEPHONE (301) 589-4811 FAX (301) 589-3810		Approved: Project Director		Location Martinsburg, WV		Project Title		Building Number		Drawing Number	
												Date		Checked		Drawn		613-CSI-113		C004A									
												16 April 2013		JT		MC													

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three inches = one foot
one and one half inches = one foot
one inch = one foot
100' scale = 1 inch
100' scale = 1 inch
100' scale = 1 inch
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GRAPHIC SCALE

(IN FEET)
1 inch = 10 ft.

NOTES:

- DO NOT UNDERMINED EXISTING BUILDING FOOTINGS. CONTRACTOR IS RESPONSIBLE FOR SHORING AND BRACING.
- SLOPES SHALL NOT EXCEED 3% IN ANY DIRECTION ON PEDESTRIAN PATHS WITHOUT HANDRAILS.
- RECONNECT POLE LIGHTS NOT REMOVED DURING DEMOLITION. SEE DRAWING ED-101.
- RELOCATED UTILITIES SHALL HAVE POSITIVE DRAINAGE AND COVER.
- MAINTAIN / REROUTE DRAINAGE FOR ROOF DRAINS. FOUNDATION DRAIN TILE NOT SHOWN. SEE DRAWING PD-100 FOR DEMO ON SHEET.
- COORDINATE UTILITIES TO AVOID CROSSING CONFLICTS. MAINTAIN MINIMAL CLEARANCES.
- SURVEYED FINISHED FLOOR ELEVATION 507.48 IS EQUIVALENT TO RECORD DRAWING ELEVATION 508 INDICATED ELSEWHERE. FINISHED FLOOR OF THIS PROJECT IS TO BE LEVEL WITH ADJACENT BUILDING 500.
- SEE SHEET C005 FOR ITEMS NOT SHOWN ON THIS SHEET.

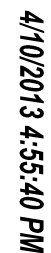
GRAPHIC SCALE

(IN FEET)
1 inch = 20 ft.

100% Bid Submission

SANITARY SEWER TABLE							
UPSTREAM	DOWNSTREAM	INV. OUT	INV. IN	PIPE LENGTH	PIPE SLOPE	PIPE SIZE	PIPE MATERIAL
SAN CO 1	EX. SS MH	500.66	500.13	26.5 L.F.	2%	6"	PVC
SAN CO 2	SAN CO 1	501.71	500.76	47.2 L.F.	2%	6"	PVC
SAN CO 3	SAN CO 2	502.03	501.81	10.6 L.F.	2%	6"	PVC
END	SAN CO 3	SEE PLUMBING	502.13	5.0 L.F.	SEE PLUMBING	6"	PVC

APPENDIX		CONSULTANTS				ARCHITECTS		DEDUCT ALTERNATIVES - GRADING PLAN & SITE/UTILITY PLAN		Construct Domiciliary Internet Cafe & Rehab Medicine Expansion		Department of Veterans Affairs	
Geotechnical:		Civil and Structural:		Fire Protection:		Mechanical, Electrical, and Plumbing:		Telecommunications:		Transportation:		Project Number	
												613-CSI-113	
SCHNABEL ENGINEERING 1901 SOUTH MAIN ST SUITE 111 BLACKSBURG, VA 24060		ALPHA CORPORATION 150 S LOUDOUN ST SUITE 200 WINCHESTER, VA 22601		KOFFEL ASSOCIATES, INC. 8015 CENTRE PARK DRIVE SUITE 200 COLUMBIA, MD 21045-2107		HENRY ADAMS CONSULTING ENGINEERS 182 THOMAS JOHNSON DR BALTIMORE, MD 21204		USSU CONSULTING 10400 LITTLE PATUXENT PKWY SUITE 200 COLUMBIA, MD 21044		ROBERT L. SEYMOUR 182 THOMAS JOHNSON DR FREDERICK, MD 21702		Building Number	
Revisions		Date										Drawing Number	
												C005A	



EROSION AND SEDIMENT CONTROL NARRATIVE: INTERNET CAFE

DESCRIPTION: THE PROJECT IS CONTAINED ON THE 176.45 ACRE VETERANS AFFAIRS MEDICAL CENTER (VAMC) CAMPUS IN MARTINSBURG, WEST VIRGINIA. THIS PROJECT DISTURBS APPROXIMATELY 0.36 ACRES. THERE IS A NET GAIN OF 1,241.60 SF OF IMPERVIOUS AREA. THIS PROJECT CONSISTS OF THREE ADDITIONS ALONG THE WEST CORRIDOR OF THE MAIN HOSPITAL BUILDING. THE ADDITIONS CONSIST OF A DOMICILIARY INTERNET CAFE WITH ADJOINING SCREENED PORCH, A REHABILITATION MEDICINE BUILDING, AND A MECHANICAL ROOM EXPANSION.

THE INTERNET CAFE PROJECT INCLUDES PARTIAL REMOVAL OF AN EXISTING COURTYARD AND ENTRYWAY, AND CONSTRUCTION OF A 2,440 S.F. DOMICILIARY INTERNET CAFE, A 710 S.F. PORCH (DEDUCT #2), AND CONCRETE SIDEWALK INTO THE BUILDING.

THE REHABILITATION MEDICINE BUILDING PROJECT INCLUDES REMOVAL OF AN EXISTING SMOKING SHELTER AND ASSOCIATED SIDEWALK, CONSTRUCTION OF A 2,750 SF REHABILITATION MEDICINE BUILDING

THE MECHANICAL ROOM EXPANSION PROJECT INCLUDES REMOVAL OF TWO INACTIVE SATELLITE DISHES, RELOCATION OF STORM MANHOLE, AND CONSTRUCTION OF A 500 S.F. MECHANICAL ROOM WITH CONCRETE STOOP.

DATES OF CONSTRUCTION: CONSTRUCTION WILL BEGIN FOLLOWING PLAN APPROVAL AND TAKE APPROXIMATELY ONE (1) YEAR TO COMPLETE.

EXISTING SITE CONDITIONS:

THE INTERNET CAFE WILL BE CONSTRUCTED TO THE SOUTH THE EXISTING CORRIDOR WHERE THE EXISTING COURTYARD AND ENTRYWAY ARE LOCATED. THE COURTYARD AREA IS PAVED WITH CONCRETE AND BRICK WITH A FEW ELEVATED PLANTING BEDS. THERE ARE ORNAMENTAL SHADE TREES AND SHRUBS THROUGHOUT THE COURTYARD WITH GRASS COVER AT THE PERIMETER. THERE IS AN EXISTING RAMP WITH HANDRAILS TRANSITIONING FROM THE COURTYARD TO THE EXISTING BUILDING ENTRYWAY. THE SLOPE FROM THE BUILDING TO THE CURB IS APPROXIMATELY 3%. THERE ARE STORM SEWER INLETS IN THE VICINITY THAT CONVEYS DISCHARGE INTO THE EXISTING STORM SEWER SYSTEM AND EMPTIES INTO THE OPEQUON CREEK. THERE ARE EXISTING DOWNSPOUTS IN THIS AREA THAT TIES DIRECTLY INTO THE STORM SEWER SYSTEM.

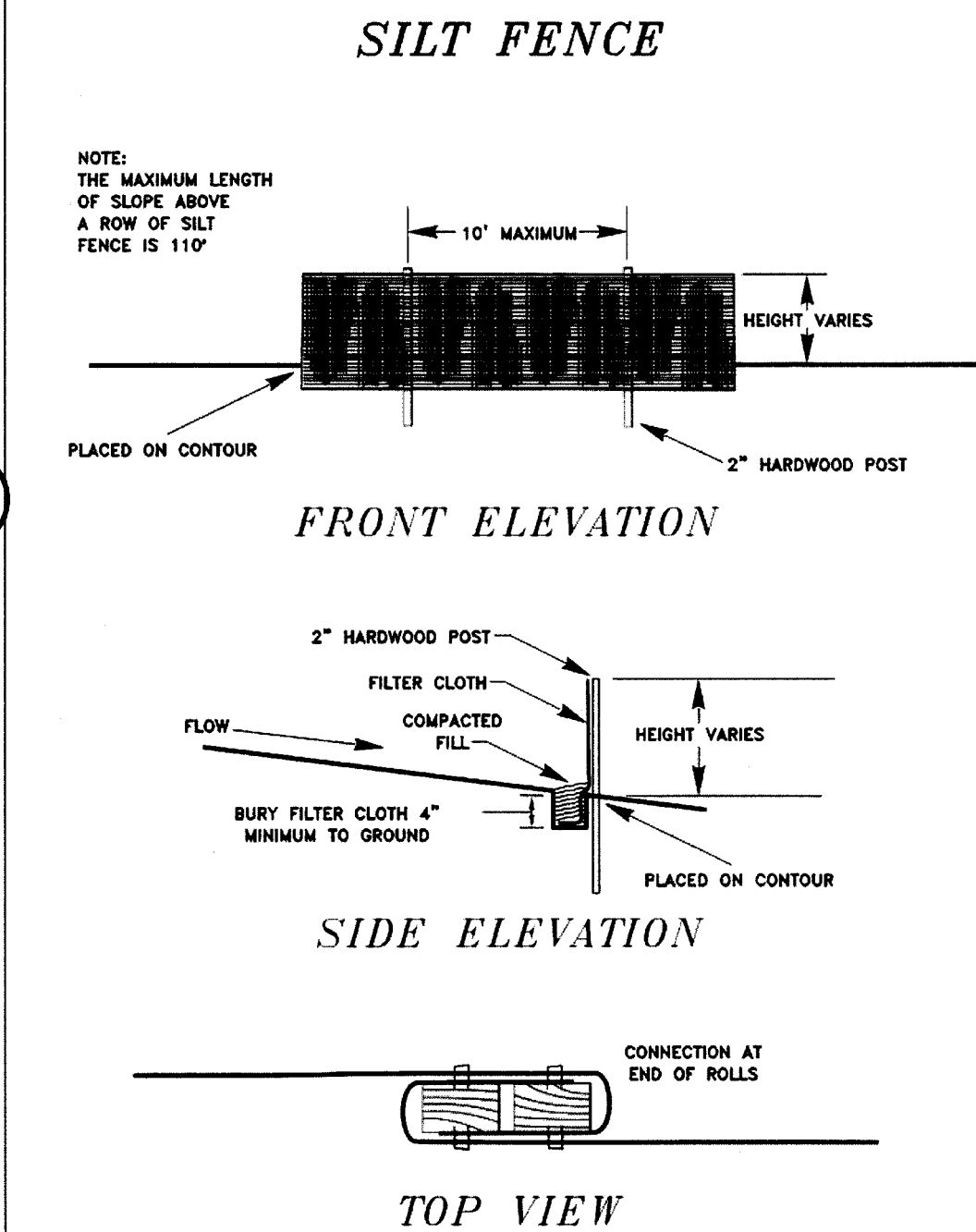
THE REHABILITATION MEDICINE BUILDING WILL BE CONSTRUCTED TO THE NORTH OF THE EXISTING BUILDING CORRIDOR WHERE THE EXISTING SMOKING SHELTER AND CONCRETE SIDEWALK ARE LOCATED. THE SMOKING SHELTER IS ENCLOSED WITH SEATING. THE SIDEWALK HAS A GENTLE SLOPE WITH A HAND RAIL ON ONE SIDE AND PROVIDES A PATH BETWEEN THE SMOKING SHELTER AND A DOOR OF THE CORRIDOR. THERE IS A LARGE RETAINING WALL TO THE EAST OF THE SMOKING SHELTER. A MECHANICAL AREAWAY LOCATED BETWEEN THE MAIN HOSPITAL BUILDING AND THE RETAINING WALL. TO THE NORTH OF THE SMOKING SHELTER IS OPEN GRASS AREA WITH GENTLE SLOPES THAT EXTEND TO THE CURB LINE. FROM THE CURB LINE THERE IS A NARROW GRAVEL MAINTENANCE DRIVEWAY THAT PROVIDES ACCESS TO THE STORAGE TANKS AND EQUIPMENT ALONG THE RETAINING WALL. THERE ARE A FEW SMALL TREES IN THE AREA, ONE OF WHICH WILL REQUIRE REMOVAL. THERE IS AN EXISTING CLC BUILDING TO THE WEST OF THIS LOCATION THAT CURRENTLY CONNECTS TO THE SIDEWALK. THE PORTION OF SIDEWALK IN THE VICINITY OF THE CLC IS TO REMAIN. THERE DOWNSPOUTS THAT DRAINS AT GRADE WITH NO EXISTING STORM DRAINS IN THE VICINITY.

THE MECHANICAL ROOM EXPANSION WILL BE CONSTRUCTED ON THE WEST SIDE OF THE EXISTING CORRIDOR AND WILL BE NESTLED TO THE NORTH AND EAST BY THE EXISTING CORRIDOR. THERE ARE THREE INACTIVE SATELLITE DISHES IN THE AREA WHICH TWO WILL REQUIRE RELOCATION. THERE IS A DUCT BANK THAT WILL REMAIN IN PLACE BELOW THE PROPOSED BUILDING. THERE ARE STORM SEWER INLETS IN THE VICINITY THAT CONVEYS DISCHARGE INTO THE EXISTING STORM SEWER SYSTEM AND EMPTIES INTO THE OPEQUON CREEK. THERE ARE EXISTING DOWNSPOUTS IN THIS AREA THAT TIES DIRECTLY INTO THE STORM SEWER SYSTEM.

ADJACENT AREAS: THE SITE IS BOUND BY THE VAMC FACILITIES TO THE NORTH, EAST & WEST, AND A DROP-OFF AREA TO THE SOUTH. THE COURTYARD WILL PROVIDE AN ADA ACCESSIBLE PATH FROM THE DROP-OFF AREA TO THE INTERNET CAFE & THE WEST WING OF THE HOSPITAL. THE CAMPUS IS BOUND BY MIX USE & RESIDENTIAL AREAS TO THE NORTH, SOUTH & WEST AND BY OPEN FIELD AND FARMLAND TO THE EAST. OPEQUON CREEK IS WEST OF THE VAMC MEDICAL CAMPUS WITH SMALL PONDS TO THE NORTH AND WEST OF THE CAMPUS.

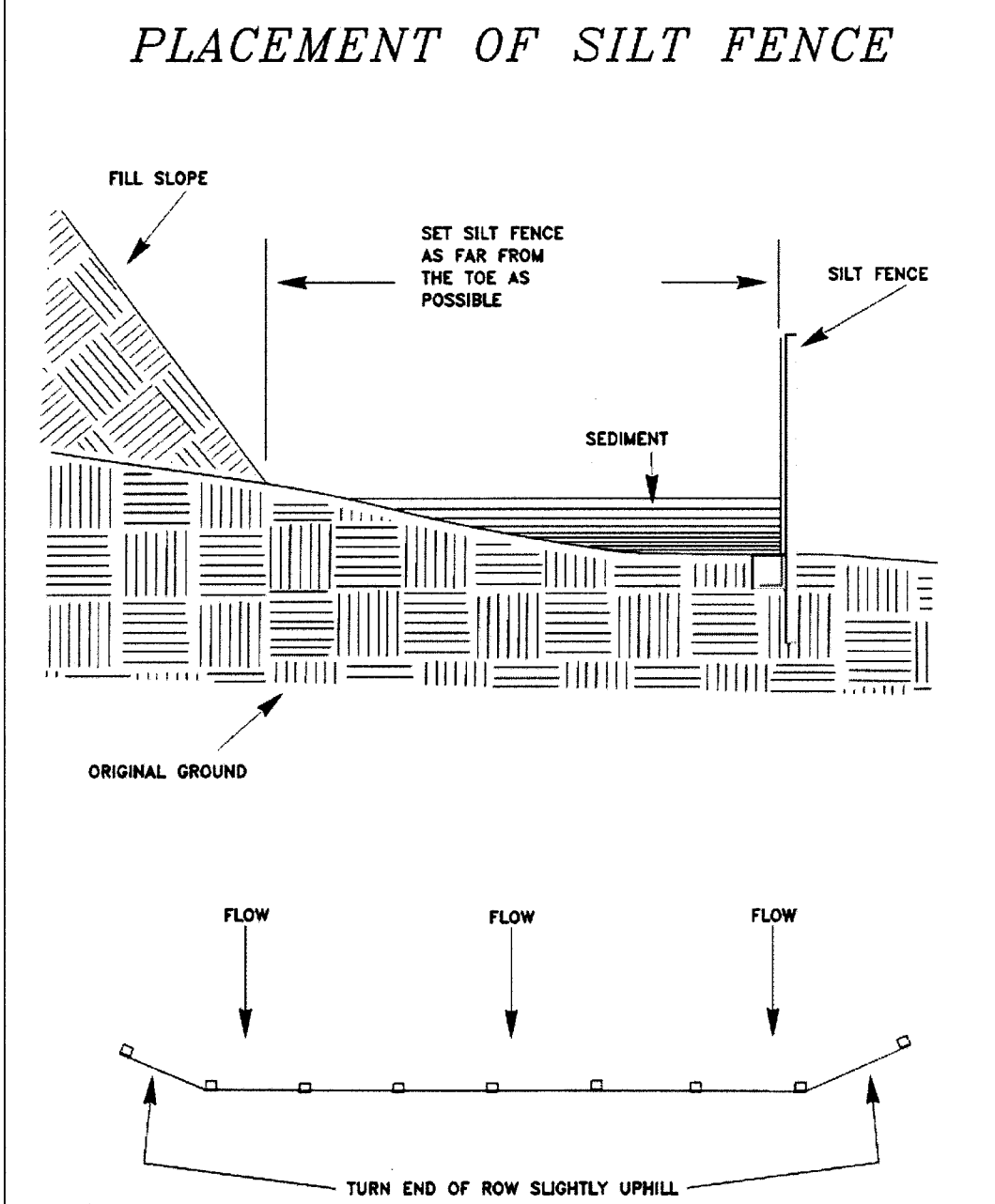
TOTAL PROJECT AREA	
TOTAL EXISTING IMPERVIOUS AREA	6,026.77 S.F.
TOTAL PROPOSED IMPERVIOUS AREA	7,461.37 S.F.
TOTAL NET IMPERVIOUS AREA	1,434.35 S.F.
TOTAL PROPOSED AREA TO BE DISTURBED	15,666.03 S.F.

FIGURE 3.27.2



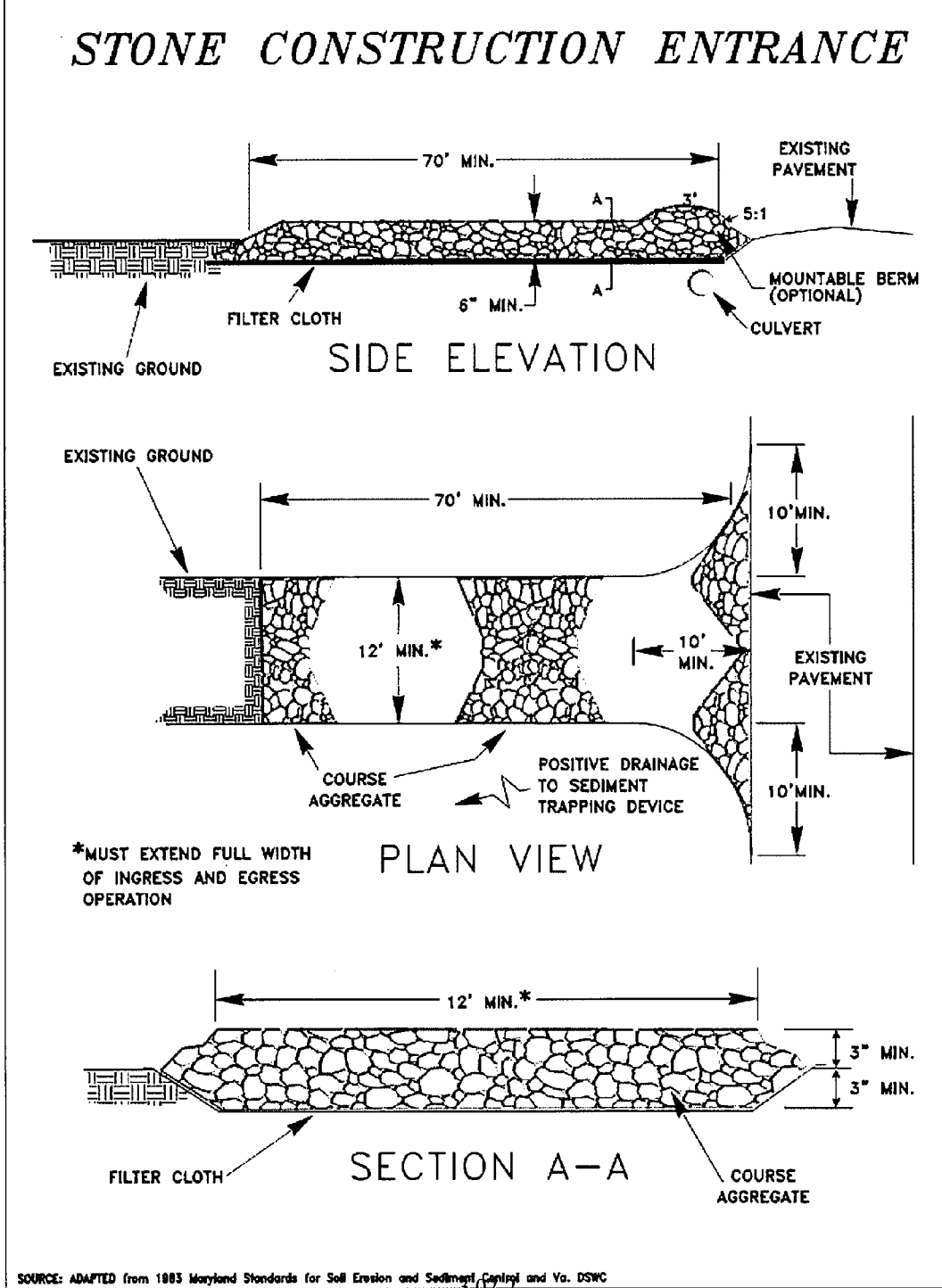
B SILT FENCE
C007 C008 NOT TO SCALE

FIGURE 3.27.1



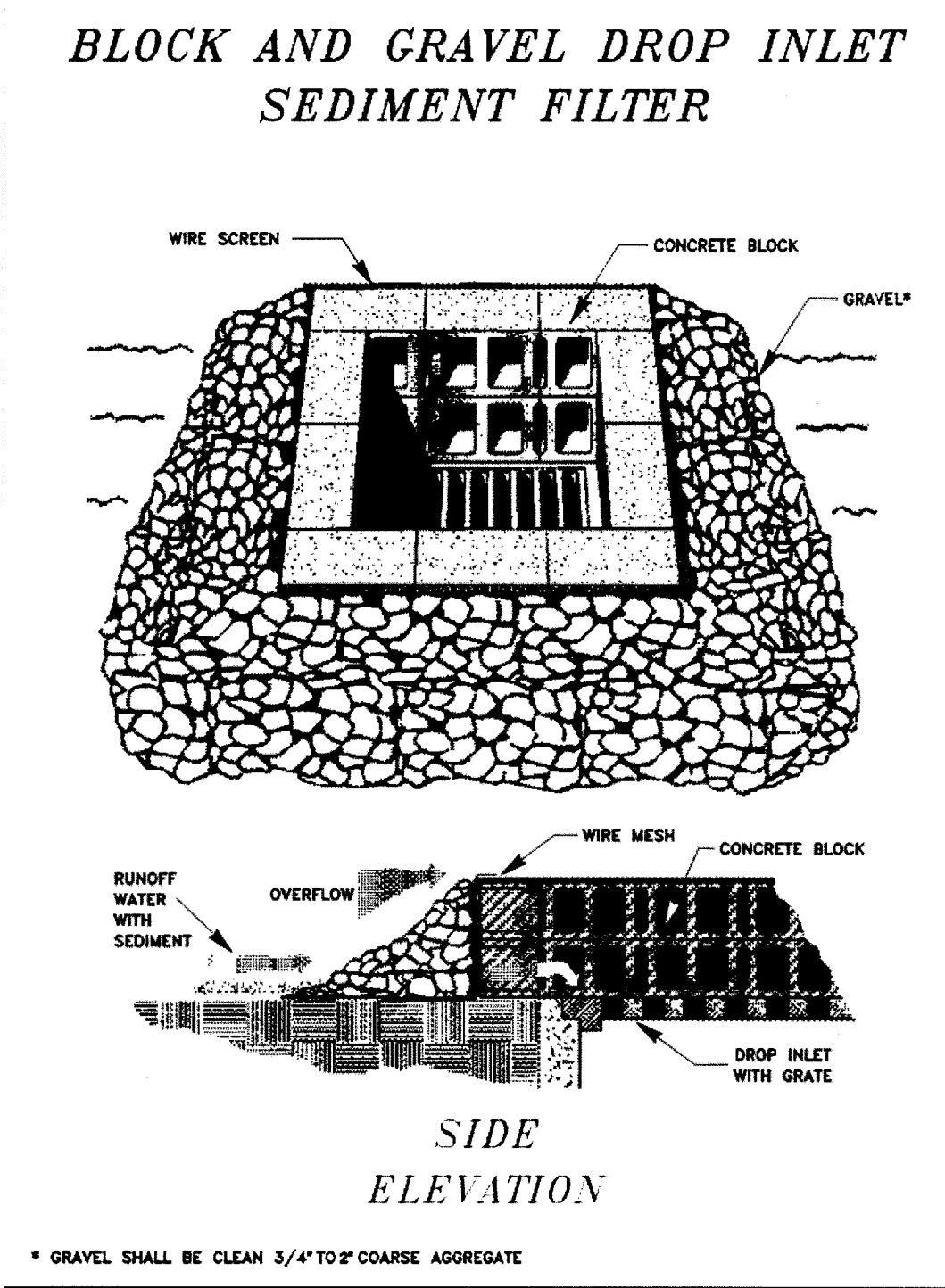
C PLACEMENT OF SILT FENCE
C007 C008 NOT TO SCALE

FIGURE 3.02.1



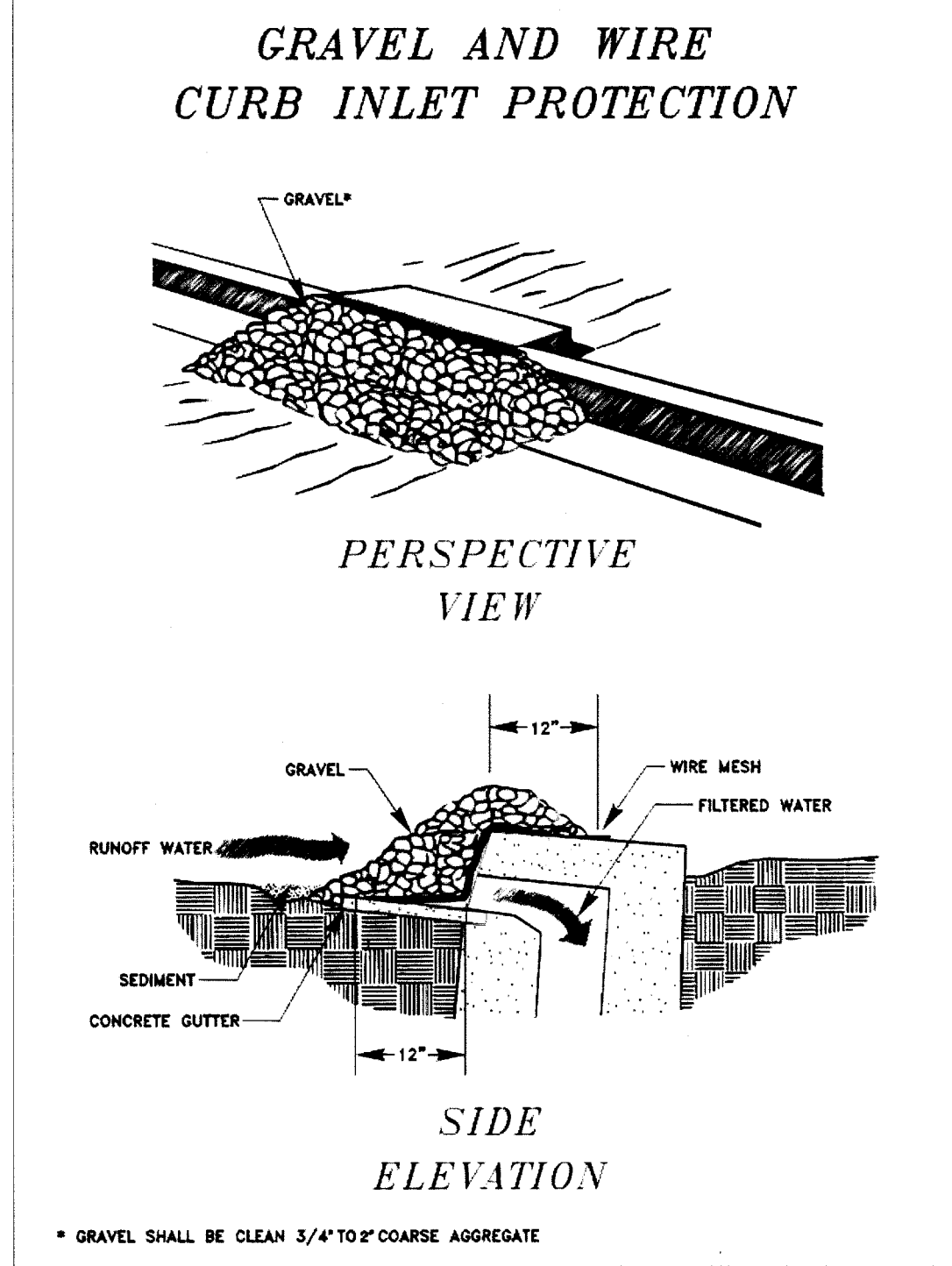
A STONE CONSTRUCTION ENTRANCE
C008 C008 NOT TO SCALE

FIGURE 3.33.3

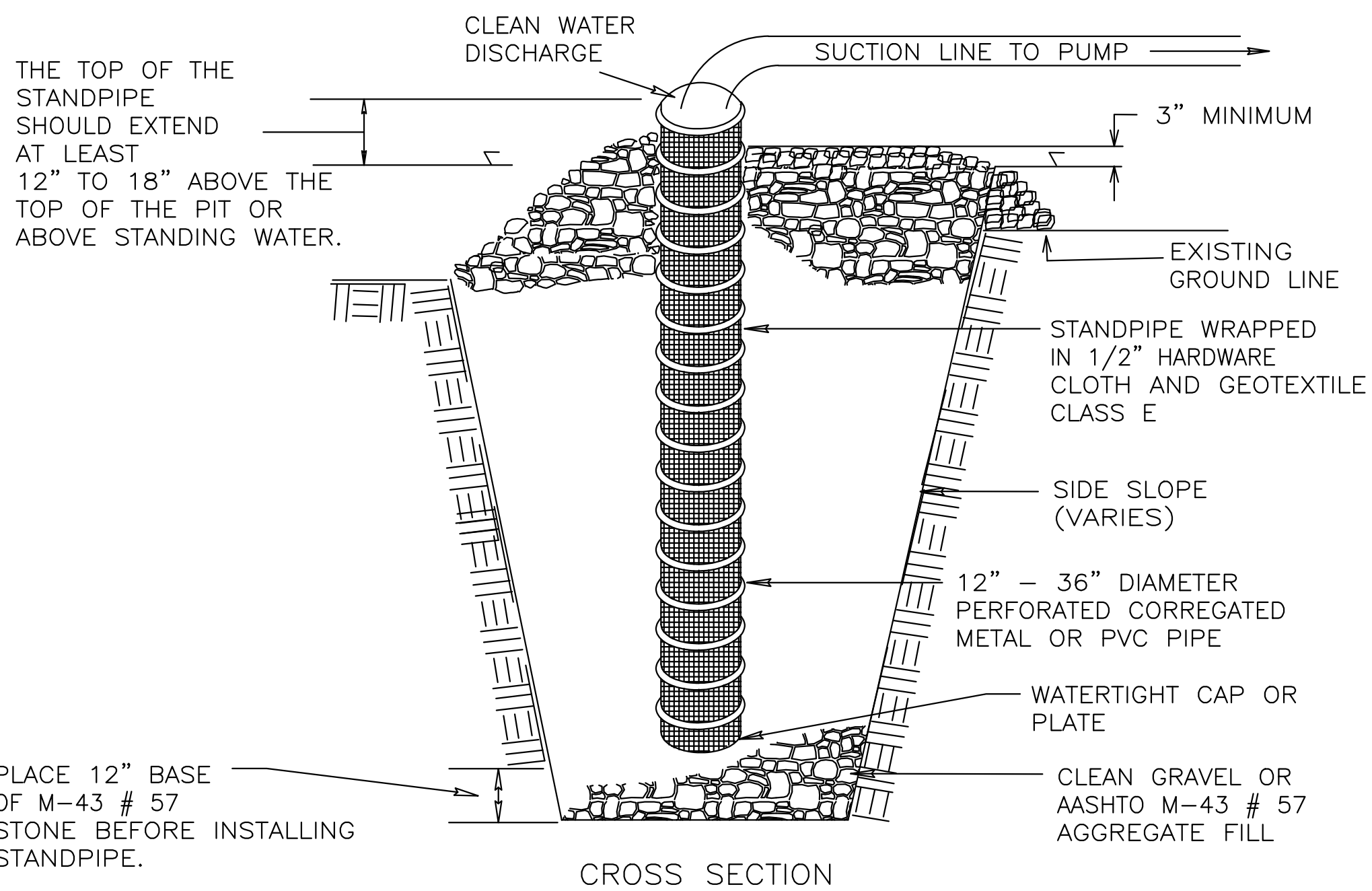


E DROP INLET PROTECTION
C007 C008 NOT TO SCALE

FIGURE 3.33.6



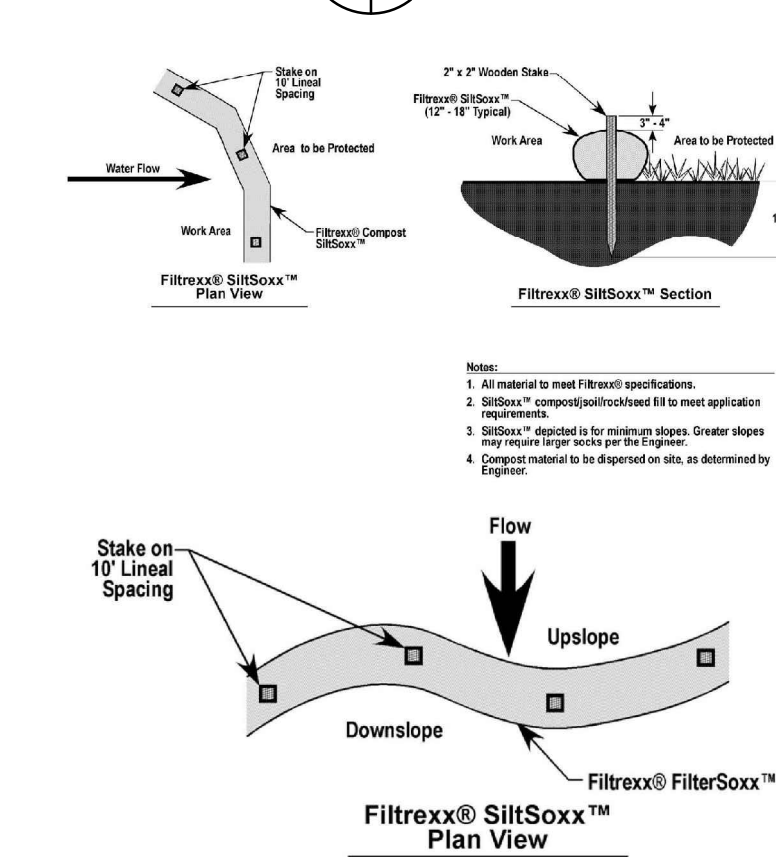
F CURB INLET PROTECTION
C007 C008 NOT TO SCALE



CONSTRUCTION SPECIFICATIONS

- PIT DIMENSIONS ARE VARIABLE, WITH THE MINIMUM DIAMETER BEING 2 TIMES THE STANDPIPE DIAMETER.
- THE STANDPIPE SHOULD BE CONSTRUCTED BY PERFORATING A 12" TO 24" DIAMETER CORRUGATED OR PVC PIPE. THEN WRAPPING WITH 1/2" HARDWARE CLOTH AND GEOTEXTILE CLASS E. THE PERFORATIONS SHALL BE 1/2" X 6" SLITS OR 1" DIAMETER HOLES.
- A BASE OF FILTER MATERIAL CONSISTING OF CLEAN GRAVEL OR #57 STONE SHOULD BE PLACED IN THE PIT TO A DEPTH OF 12". AFTER INSTALLING THE STANDPIPE, THE PIT SURROUNDING THE STANDPIPE SHOULD THEN BE BACKFILLED WITH THE SAME FILTER MATERIAL.
- THE STANDPIPE SHOULD EXTEND 12" TO 18" ABOVE THE LIP OF THE PIT OR THE RISER CREST ELEVATION (BASIN DEWATERING ONLY) AND THE FILTER MATERIAL SHOULD EXTEND 3" MINIMUM ABOVE THE ANTICIPATED STANDING WATER ELEVATION.

D DEWATER SUMP PIT
C008 C008 NOT TO SCALE



- 4.0 Maintenance:
- The Contractor shall maintain the SiltSoxx™ in a functional condition at all times and it shall be routinely inspected.
 - Where the Soxx™ requires repair, it will be routinely repaired.
 - The contractor shall remove sediment collected at the base of the Soxx™ when they reach 1/2 of the exposed height of the Soxx™, or as directed by the Engineer. Alternatively, rather than create a soil disturbing activity, the engineer may call for additional Soxx™ to be added at areas of high sedimentation, placed immediately on top of the existing sediment laden SiltSoxx™.
 - The SiltSoxx™ will be dispersed on site when no longer required, as determined by the Engineer.

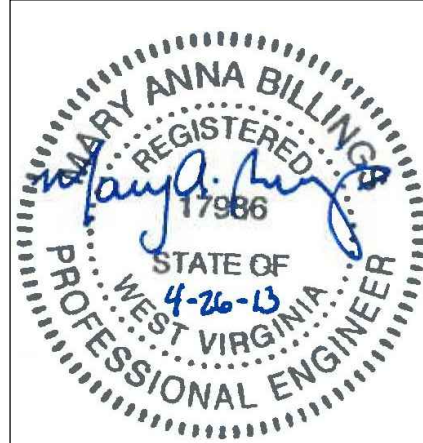
5.0 Method of measurement:
Bid items shall show measurement as "Filtrex SiltSoxx™" per linear foot, installed.

G COMPOST FILTER SOCK
C007 C008 NOT TO SCALE

ADDENDUM 1	04/26/13
Revisions	Date

CONSULTANTS

Geotechnical: SCHNABEL ENGINEERING 1901 SOUTH MAIN ST SUITE 111 BLACKSBURG, VA 24060	Civil and Structural: ALPHA CORPORATION 150 S LOUDOUN ST SUITE 200 WINCHESTER, VA 22601	Fire Protection: KOFFEL ASSOCIATES, INC. 8015 CENTRE PARK DRIVE SUITE 200 COLUMBIA, MD 21045-2107	Mechanical, Electrical, and Plumbing: HENRY ADAMS CONSULTING ENGINEERS 600 BALTIMORE AVENUE BALTIMORE, MD 21204	Telecommunications: USSI CONSULTING 10400 LITTLE PATUXENT PKWY SUITE 200 COLUMBIA, MD 21044	Transportation: ROBERT L SEYMOUR 182 THOMAS JOHNSON DR FREDERICK, MD 21702
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ARCHITECTS

 ERNEST BLAND ASSOCIATES, P.C. TECHNICAL FACILITIES DESIGN 802 SLIGO AVENUE, SILVER SPRING, MARYLAND 20910 TELEPHONE (301) 589-4811 FAX (301) 589-3810
--

Drawing Title
EROSION & SEDIMENT CONTROL DETAILS

Approved: Project Director

Project Title
Construct Domiciliary Internet Cafe & Rehab Medicine Expansion

Location
Martinsburg, WV

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Checked
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Drawn
MC

Project Number
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C008

100% Bid Submission

Department of Veterans Affairs

